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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/724,356
		Filing Date	Dec 1, 2003
		First Named Inventor	BARWICZ, Andrzej et al.
		Group Art Unit	NOT YET SPECIFIED 2877
		Examiner Name	NOT YET SPECIFIED
Sheet 2 of 2	Attorney Docket Number	14540	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FLE		MORAWSKI, DR. ROMAN Z., "The Role of Digital Signal Processing in Measurement Science" in Measurement Science: A Discussion. 2000, pp. 77-102. Ohmsha, IOS Press, Washington DC.	
FLE		MORAWSKI, DR. ROMAN Z. et al. "Curve Fitting Algorithms vs. Neural Networks when Applied for Estimation of Wavelength and Power in DWDM Systems."	

Examiner Signature	/F. L. Evans/	Date Considered	04/27/2006
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<p>Substitute for form 1448/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/724,356</td> </tr> <tr> <td>Filing Date</td> <td>December 1, 2003</td> </tr> <tr> <td>First named Inventor</td> <td>BARWICZ, Andrzej</td> </tr> <tr> <td>Art Unit</td> <td>2877</td> </tr> <tr> <td>Examiner Name</td> <td>LAUCHMAN, LAYLA F. L. Evans</td> </tr> <tr> <td>Attorney Docket Number</td> <td>14540</td> </tr> </table>		Application Number	10/724,356	Filing Date	December 1, 2003	First named Inventor	BARWICZ, Andrzej	Art Unit	2877	Examiner Name	LAUCHMAN, LAYLA F. L. Evans	Attorney Docket Number	14540
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Sheet	1	of	2												

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
FLE		US-5,296,958	03-22-1994	FATEHI ET AL.	
FLE		US-5,513,029	04-30-1996	ROBERTS	
FLE		US-5,654,816	08-05-1997	FISHMAN	
FLE		US-5,745,616	04-28-1998	ZIRNGIBI	
FLE		US-5,793,481	08-11-1998	LEALI	
FLE		US-6,215,565 B1	04-10-2001	DAVIS ET AL.	
FLE		US-6,310,703 B1	10-30-2001	ALAVIE ET AL.	
FLE		US-6,317,231 B1	11-13-2001	AL-SALAMEH ET AL.	
FLE		US-6,344,910 B1	02-05-2002	CAO	
FLE		US-6,396,051 B1	05-28-2002	LI ET AL.	
FLE		US-6,433,901 B2	08-13-2002	CAO	
FLE		US-6,577,786 B1	06-10-2003	CAPPIELLO ET AL.	
FLE		US-6,714,743 B2	03-30-2004	HSICH ET AL.	
		US-6,831,167 A1	10-18-2001	BRADSHAW	

FOREIGN PATENT DOCUMENTS								
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		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
FLE		WO	01/52451	A2	07-19-2001	CORNING INCORPORATED ET AL.		
FLE		WO	00/71980	A1	11-30-2000	MEASUREMENT MICROSYSTEMS A-Z INC. ET AL.		
FLE		WO	99/67609	A1	12-29-1999	DITECH CORPORATION ET AL.		

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		Number-Kind Code ² (if known)			
		US-0044322 A1	04-18-2002	BLUMENTHAL ET AL.	
		US-0114080 A1	08-22-2002	SEYDNEJAD ET AL.	
		US-0114062 A1	08-22-2002	SIMARD ET AL.	
		US-0138796 A1	09-26-2002	JACOB	
		US-0168142 A1	11-14-2002	COPNER ET AL.	
		US-0176129 A1	11-28-2002	DINU ET AL.	
		US-0053163 A1	03-20-2003	LI ET AL.	
		US-0099010 A1	05-29-2003	LIU ET AL.	
		US-0112433 A1	06-19-2003	YOUN ET AL.	
		US-0123119 A1	07-03-2003	MOROZOV ET AL.	
		US-0138251 A1	07-24-2003	JAYARAM ET AL.	
		US-0151789 A1	08-14-2003	HAMOIR	

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